

### AMENDMENTS TO THE SPECIFICATION

Please replace the indicated paragraphs with the following replacement paragraphs:

[0002]        The present invention relates to ~~a process according to the preamble of Claim 1 for producing the production of~~ thermal and electric energy in a pulp mill. The invention also relates to a process for the production of thermal and electric energy in a sulfate pulp mill and to an apparatus for the production of a biogenic fuel gas to be fed to a recovery boiler.

[0020]        More specifically, in the process according to the invention, the biogenic fuel used is bark or other similar wood waste, which is dried to a moisture content below 30%, whereafter it is gasified to produce a fuel gas that is fed into the recovery boiler ~~is mainly characterized by what is stated in the characterizing part of Claim 1.~~

[0021]        In the[[The]] process according to the invention for using a sulfate mill for the production of thermal and electric energy, the solid biogenic fuel is brought into a gaseous form, the formed ash is separated, and a significant proportion of the gas is burned in the same boiler, equipped with heat recovery, as the concentrated liquor ~~is for its part characterized by what is stated in the characterizing part of Claim 9.~~

[0022]        In the[[The]] apparatus according to the invention, the apparatus includes, as a combination, a bark-drying unit having feed means for the bark to be dried and outlet means for the bark that has been dried, and a dried-bark gasifier for producing fuel gas from the bark, the apparatus having feed means for bark and outlet means for fuel gas, the feed means of the gasifier being connected to the outlet means of the drying unit and the gas outlet means being connected to the feed unit of the recovery boiler to feed into the boiler the fuel gas produced from the bark by gasification ~~is characterized by what is stated in the characterizing part of Claim 19.~~

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Please delete paragraphs [0003] and [0004].